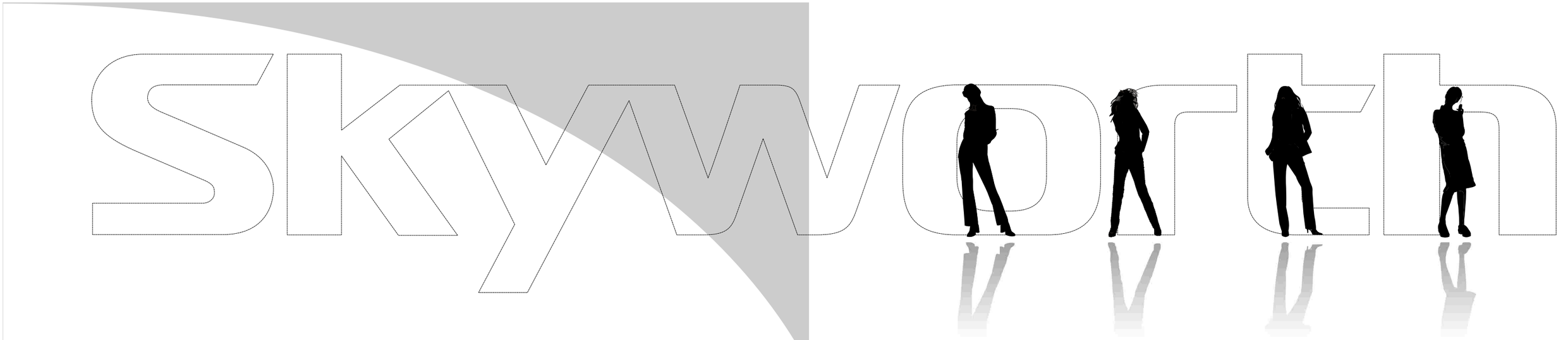
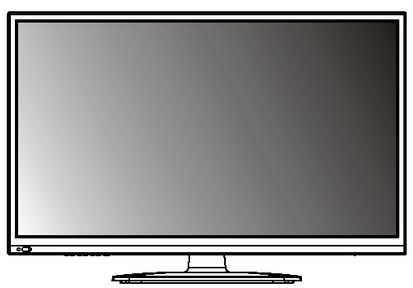
Skyworth

Instruction Manual





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CONTENT

CONTENT 1

WARNINGS AND PRECAUTIONS 2-3

INTRODUCTION, FUNCTIONS AND FEATURES 4

PREPARATION 5
- Positioning the TV Set 5
- Antenna and Power Connections 5
- Inserting Batteries in the Remote Control Handset 5

EXTERNAL SCHEMATIC AND INSTALLATION 6-11
- Front Panel 6
- Back Panel 7
- Antenna/Cable Connection 8
- Remote Control 9-11

Personal Video Recording(PVR)..... 12-13

EPG(Electronic Program Guide)..... 14-15

MENU CONTROL 16-21
- Basic Operation 16
- Picture Settings 16
- Sound Settings 17
- Channel Settings 18
- Setup Settings 19
- Advanced Settings 20
- PC Settings 21

USB CONTROL 22-27
- Gentle Reminder when Using the Media Player..... 22
- Caution 22
- USB File Playback Support 22
- Remote Control 23
- USB Menu 23
- Video Menu 24
- Music Menu 25
- Photo Menu 26
- Text Menu 27

TROUBLESHOOTING 28

SPECIFICATIONS 29

WARNINGS AND PRECAUTIONS

Read all the instructions before operating the set. Keep these instructions well for future reference.

Warning

- Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc).
- Please refer the information on the exterior back of the appliance for electrical and safety information before installing or operating the apparatus.
- To prevent the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
- The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, must not be placed on top of the apparatus.
- For the terminals marked with symbol of " ϟ " may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or using ready-made leads or cords.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- There is a danger of explosion if the battery is incorrectly replaced. Replace the battery only with the same or equivalent type.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Listening to music at high volume levels for extended durations can damage one's hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.
- The mains cable is used as a disconnect device, the disconnect device shall remain readily operable.
- When the TV is not in use or during movement,please take care of the power cord, e.g. tie up the power cord with a cable tie and the like. It shall be free from sharp edges that can cause abrasion of the power cord. When the TV is put into use again, please make sure the power cord has not been damaged. If any damages found, please contact the service centre to replace the power cord specified by the manufacturer.
- Explanation of symbol, marking, signal lamp or similar means indicate that apparatus is completely disconnected from the mains.
- Attention should be drawn to environmental aspects of battery disposal.
- Naked flame sources, such as lighted candles, should not be placed on the apparatus.
- To prevent the spread of fire, keep candles or other open flames away from this product at all times.
- Each USB terminal shall be loaded with 500mA under normal operation.

WARNINGS AND PRECAUTIONS

IMPORTANT INFORMATION FOR AUSTRALIA

- Use cabinets or stands recommended by the manufacturer of the television.
- Only use furniture that can safely support the television.
- Ensure the television is not overhanging the edge of the supporting furniture.
- Do not place the television on tall furnitures(for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Do not place the television on cloth or other materials placed between the television and supporting furniture.
- Educate children about the dangers of climbing onto the furniture to reach the television or its controls.
- The apparatus should be provided with a restraining device such as a fixing point to facilitate restraining the apparatus from toppling forward.

WEEE Directive

Correctly dispose this product. This symbol indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

OPERATING ENVIRONMENT

- Do not install this equipment in a confined space such as a bookcase or a similar unit.
- Do not use the set near damp, and cold areas. Protect the set from overheating.
- Keep away from direct sunlight.
- Do not use the set near dusty places.
- Do not attach candles to accessible area of the set to avoid flammable foreign material from entering the TV.

INTRODUCTION, FUNCTIONS AND FEATURES

BRIEF INTRODUCTION:
Thanks for your purchase of our digital high-definition LED television! This product with diverse functions is designed to fulfill the optimum requirements from commercial, industrial and household uses. LED television possesses the display function of both TV and PC. It features in advanced picture performance, smaller in size and lighter in weight. Meanwhile, it consumes less power and makes no radiation. The new generation LED provides you with a comfortable, safe and Eco-friendly feeling. Descriptions could be different with different models.

BASIC FUNCTION

1. Auto and manual tuning.
2. AV and YP_BP_R inputs are available.
3. Full-function infrared remote control.
4. Sleep timer and program recall shortcut.
5. Ultra-thin & ultra-light.
6. A wealth of receptions: TV, AV, YP_BP_R, PC, HDMI and USB.
7. Digital Still Function.
8. Personal video recorder(PVR) with time-shifting.

PC MONITOR FUNCTIONS

1. Auto resizing & centering with perfect geometric graphic.
2. Supports PC sound source input.
3. Supports 640x480,800x600,1024x768,1280x1024, PC formats, refresh rate is 60Hz.

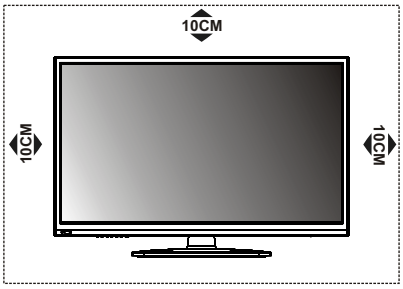
FEATURES

1. Embedded digital color gain control circuit that provides better brightness and reality.
2. Embedded 5-line comb filter.
3. Black & white level stretch circuit.
4. High class LED screen features in high brightness, high contrast, wide viewing angles and fast response.
5. Component input supports 1080P high definition signal formats.
6. Support HDMI input.
7. This TV can be used as a high-performance PC monitor as it has a VGA interface. Computer sound source can also be supported to realize the multimedia function.
8. Low power consumption in standby mode to save energy.
9. Latest highly integrated digital processor chip.

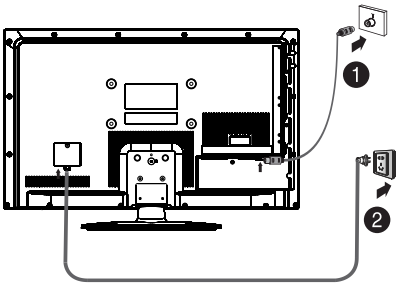
PREPARATION

Positioning the TV Set

Install Display on a solid horizontal surface such as a table or a desk.For ventilation, leave a space of at least 10cm free from all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. This apparatus can be used in tropical and/or moderate climates.



Antenna and Power Connections

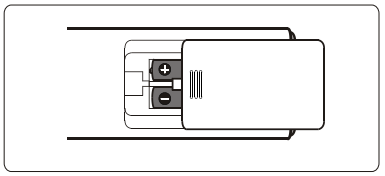


1.Connect the antenna cable into the antenna input terminal at the rear panel and wall antenna socket.

2.Connect the power plug into the wall outlet. (The type of power plug provided may be different from the above picture for some countries.)

Inserting Batteries in the Remote Control Handset

- Remove the battery cover.
- Insert two AAA Alkaline or equivalent batteries, following the +/- marking in the battery compartment.
- Replace the battery cover.



Precautions when using batteries

- Do not use old and new batteries together.
- Do not use different types of batteries (for example, Manganese and Alkaline batteries) together.
- Note that there are chargeable and non-chargeable batteries. Do not attempt to charge non-chargeable batteries.
- Remove the batteries from the remote control unit if you do not intend to use the unit for a long time.

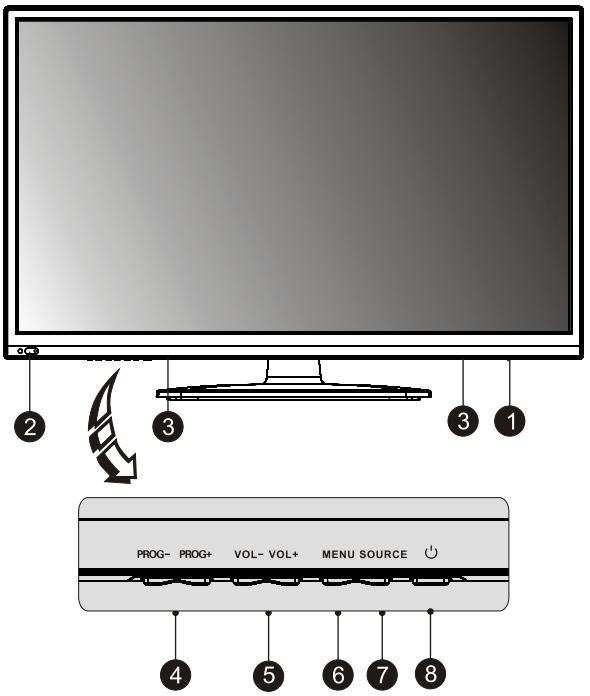
Note:

- Do not drop the remote control unit.
- Do not subject the remote control unit to physical shocks.
- Keep the remote control unit dry. Wetting it may cause the unit to malfunction.
- Replace the batteries with new ones when operation of the unit deteriorates.
- Do not dispose batteries in a fire.
- Do not disassemble or overheat the batteries.
- Please dispose the batteries properly under environmental considerations.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire, or the like.

EXTERNAL SCHEMATIC AND INSTALLATION

Front Panel

Note: The graphics are for representation only.

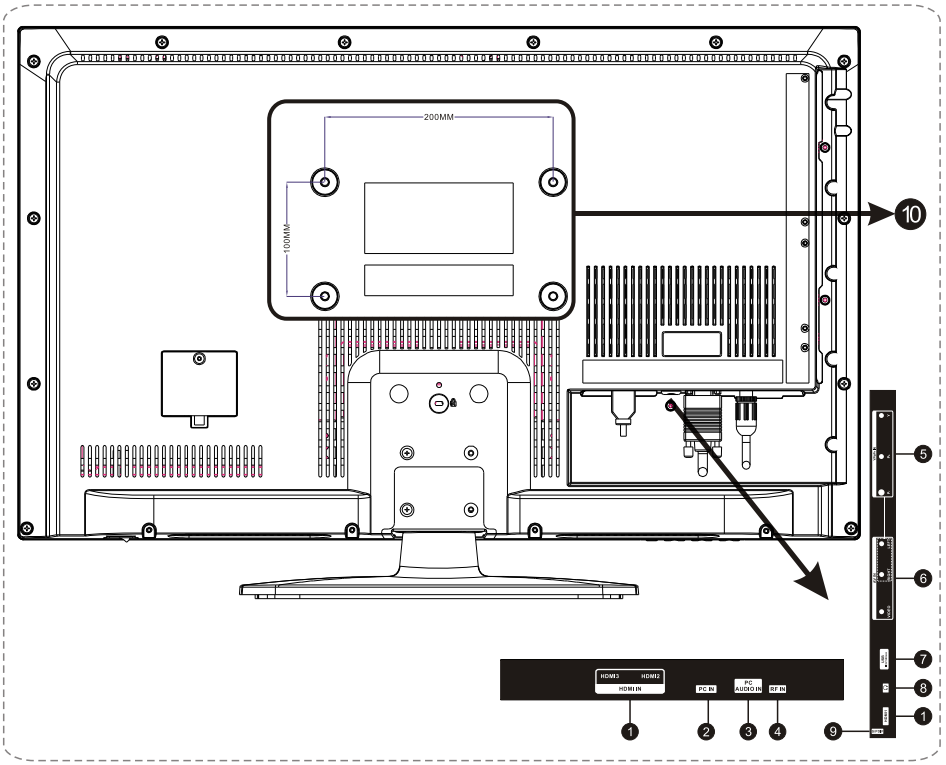


1.Power Button
2.Power Indicator / Remote Sensor
3.Speakers
4.Program Up/Down Button
5.Volume Up/Down Button
6.Menu Button
7.Source Button
8.Standby Button

EXTERNAL SCHEMATIC AND INSTALLATION

Back Panel

Note: The graphics are for representation only.



1. HDMI1\HDMI2\HDMI3: Connect HDMI input signal from signal source such as DVD.

2. PC IN: Connect a PC via a VGA cable.

3. PC AUDIO IN: Audio input for PC and audio input for HDMI when the signal is DVI timing.

4. RF IN: Connect a coaxial cable to receive signal from the antenna or cable.

5. YP_BP_R(Component input): Connect YP_BP_R signal from signal source such as DVD.
Share the same AUDIO input with AV IN.

6. AV IN: Connect AUDIO and VIDEO input signal from signal source such as DVD.

7. USB: USB port.

8. EARPHONE: Audio output, speakers will be muted when the earphone is plugged in.

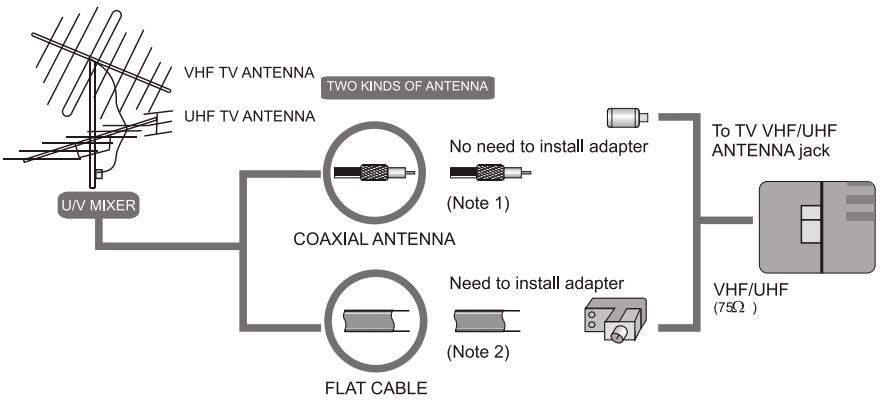
9. S/PDIF: Use an AV cable to connect your TV to a compatible audio receiver.

10.Wall Mounting Holes: The four holes can be used to fix your wall mounting plate.
Please unscrew first and then use the M6 screw to install the mounting plate.

EXTERNAL SCHEMATIC AND INSTALLATION

Antenna /Cable Connection

There are two kinds of antennas in use.



1. Connect the plug of the antenna cable or CATV cable to the cable (not provided with this unit), then connect to the antenna input of this unit for best reception.

2. If the antenna cable in your home is other than the above two, or you have problems in installing the antenna, please contact your dealer.

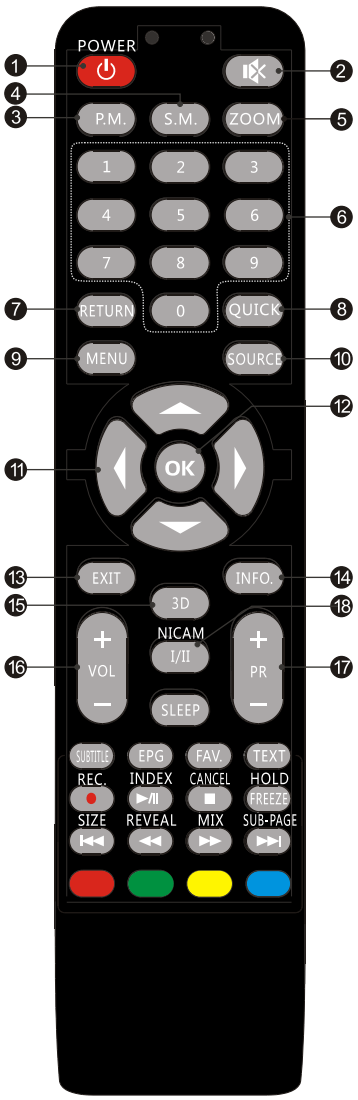
Notes:

1. Current outdoor antenna or TV cable usually uses 75 OHM coaxial antenna cable. For better reception, we suggest using this kind of antenna cable.

2. Flat cable or indoor antenna is old designed, the reception may not be good enough.

EXTERNAL SCHEMATIC AND INSTALLATION

Remote Control



1.POWER(⏻)
Press to turn the TV on or standby.

2.Mute(🔇)
Press to mute or restore the volume.

3.Picture Mode(P.M.)
Press to select the desired picture mode.

4.Sound Mode(S.M.)
Press to select the desired sound mode.

5.Zoom
Press to select the desired picture format.

6.Number buttons
Press to set the TV channel directly.

7.Return Button
Press to return to the previously viewed channel.

8.QUICK
Press to show INFO bar quickly in USB.

9.Menu
Press to enter or exit from the TV menu.

10.Source
Press to select the input source mode.

11.Up/Down/Left/Right(▲ / ▼ / ◀ / ▶)
Press to select or adjust the desired item on the TV menu.

12.OK button
Press to confirm and execute the selection.
When there is no menu on screen, press this button to show available channel list in DTV or ATV.

13.Exit
Press to exit from any menu.

14.Information (INFO.)
Press to display the current information including screen format, source, etc.

15.3D
Not used.

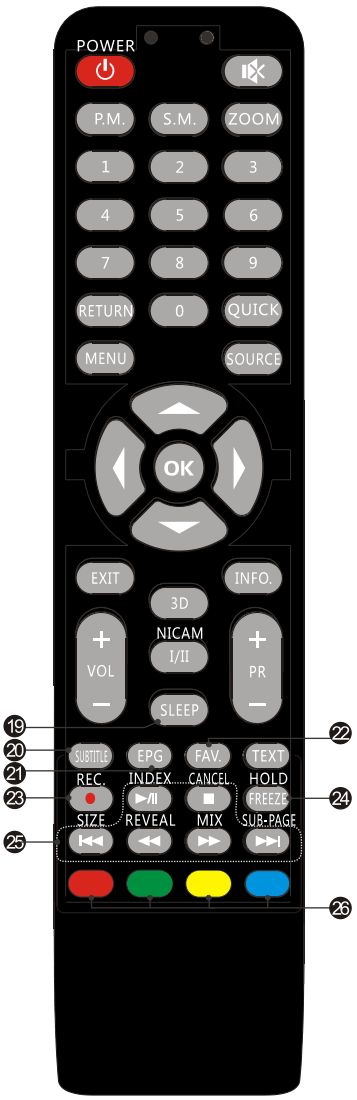
16.Volume Up/Down(V+/V-)
Press to adjust the volume.

17.Program Up/Down(PR∧/PR∨)
Press to select previous/next channel.

18.NICAM (Option)
Press to select desired sound output(Mono,Stereo or SAP)depending on the broadcasting channel.

EXTERNAL SCHEMATIC AND INSTALLATION

Remote Control



19.SLEEP
Press to set the length of time to switch the TV to standby mode.

20.Subtitle
Press to open or close the subtitle.

21.EPG
Press to display the current EPG information in DTV mode.

22.Favorite Channel(FAV.)
Press to view your assigned favorite channels. Press Up/Down buttons to cycle through your assigned favorite channels, press OK to confirm.

23.Record(REC)
Press to record the current program.

24.Freeze
Press to freeze or unfreeze the picture.

25. USB Play Control Buttons

Play & Pause (▶/II)
Press to pause playback, press again to continue playback.

Stop (■)
Press the stop button to exit full-screen playback, access to the preview.

Fast Backward Button(◀◀)
Press to fast reverse.

Fast Forward (▶▶)
Press to fast forward.

Previous (⏮)
Press to play the previous file.

Next (⏭)
Press to play the next file.

26.Colour buttons
These four colour keys are for relative fast teletext function in the bottom of teletext page .

EXTERNAL SCHEMATIC AND INSTALLATION

Remote Control

27.TEXT Buttons(Option)
Press to enter the teletext menu.

INDEX
Press this button to display index page.

CANCEL
Press this button to return to TV program temporarily while searching for a Teletext page. When the search is done, the page number will be displayed on the upper left of the screen.
Press again to return to the Teletext page.

HOLD
Press to hold the teletext page on screen without update and changes. Press again to release the hold state. When not in teletext mode, press this button to freeze the picture display.
Note: In non-teletext mode and non-USB mode , the button is "FREEZE".

SIZE
Enlarge the teletext display: Press this button once to enlarge upper half of the screen. Press this button again to enlarge lower half of the screen. Press this button again to resume to normal screen size.

REVEAL
Press this button to display concealed information, such as solutions to riddles or puzzles. Press again to remove the information from the display.

MIX
Press this button to superimpose the teletext over the TV program.
Press again to return to normal teletext mode.

SUB-PAGE
Press this button to enter or exit subpage mode (if subpage is available).
Press Red / Green buttons to select the desired subpage.

PERSONAL VIDEO RECORDING(PVR)

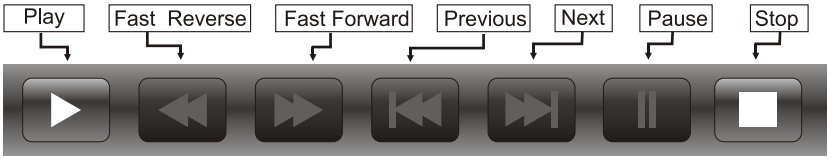
IMPORTANT NOTE:
For any type of recording with this television, you must have plugged a USB device into the appropriate USB port at the back of the television to record on.

1.Please insert the external high-speed storage devices that have been formatted in FAT 16, FAT 32 OR NTFS file system. (See USB Instruction Manual).

2.Select the TV program and channel you wish to record.

3.Press [REC.] button to enter PVR mode and start recording. PVR control bar on the screen is shown as below.You can select the appropriate settings required. While recording, press this button to hide or show the control bar.

4. When the hard disk PVR function has not been able to realize, please attempt to format the hard disk through the television.



5.If you wish to stop the recording, select and press [■] icon and the recording will stop.

Instant one-touch recording

In DTV mode and with a USB device properly plugged in, press the REC. button on the remote control to activate the PVR function for instant recording of the channel you are watching. Once you are in PVR mode, use the arrow keys at the bottom of the screen when watching the recording.

Time-shift recording

Use the same one-touch recording method as described above for time-shifting a program you are currently watching. Time-shifting is the recording of television programs to a storage medium (your USB device) for viewing at a later, more convenient time. Use it to record a program when your viewing is interrupted or delayed.

Timer recording

There are two ways to set the timer to record a television program.

PERSONAL VIDEO RECORDING(PVR)

If you know the programming details:
1. In DTV mode and with a USB device properly plugged in, go to the channel that will broadcast the program you want to record.
2. Press the EPG button on your remote control to bring up the EPG interface. The channel you are watching will be highlighted on the screen that appears.
3. Press the RED button on the remote control, then enter the program details on the recorder menu by pressing ▲/▼ to select an item and ◄/► to change the setting. For example, if the program starts at 8:30pm on the same day, enter: 30 in the space for MINUTES, 20 in the space for HOURS (a 24 hour clock applies), and then the relevant date. Use the same method for entering the finish time.
4. Choose the appropriate recording mode: once, every day or weekly.
5. Press OK to confirm your selection. A schedule of all your recordings (the reminder list) will appear. See page 15 for more on the schedule.
6. Press the power (⏻) button to switch the TV to stand-by. It will record your selection automatically.

If you are browsing the EPG:
1. In DTV mode and with a USB device properly plugged in, press the EPG button on your remote control to bring up the EPG interface. Then follow steps 1 – 6 under EPG on page 14.
2. When you have found a program you want to set to record, press the RED button on the remote control. Then follow steps 3 – 6 described above.

Note: (A) During the record mode, you cannot change channels or select another function.
(B) If the signal is interrupted or removed while in recording,the recording will stop until the signal is established again. This may cause you to lose program content.
(C) Please do not turn the TV OFF during recording. This will make the TV exit the PVR and turn to standby.
(D) The file recorded can only be used in this TV, any copy communication is strictly prohibited.

EPG (Electronic Program Guide)

EPG stands for Electronic Program Guide. It is supplied by the program providers and offers information about the programs to be broadcast. You can access it in digital mode by pressing the EPG button on the remote control.

1.Press the EPG button to bring up the EPG interface (right). The second bar from the top will display the current date and time. On the list below, the channel you are currently watching will be highlighted.

2.Before you can view any EPG information, you have to 'activate' every channel for which you want to view program information. To do this, use the ▲/▼ buttons to select a channel, then press [OK] to confirm.

3.To check the programs to be broadcast on a future date, scroll up with the ▲ button to the date field. Use the ▶ button to select the date and press [OK] to confirm.

4.Press the ▲ button to scroll up to the top bar in the display, then press the ▶ button to select Time. The top bar will now display Channel in the top right corner and the second bar will display one of your available channels.

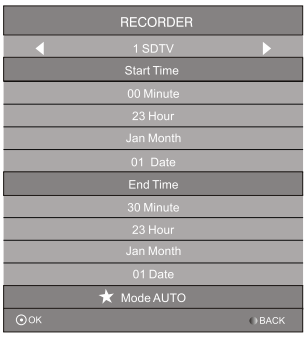
5.Go to the channel and use the ◀/▶ buttons to select the channel for which you want to view information. After a brief moment, the program information will appear.

6.Use the ▲/▼ buttons to scroll through the time slots.

7.To exit the EPG menu, press the RETURN button.

EPG (Electronic Program Guide)

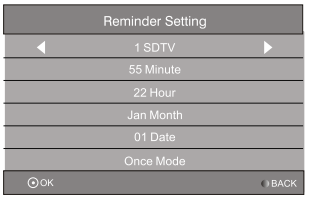
Recorder
Press the RED button to display the recorder menu (right) to see detailed information about the different ways of recording television programs onto a USB device.



Info
Press the GREEN button to show information about the selected program.

Schedule
Press the YELLOW button to display the Reminder List. Press ▲/▼ to select a reminder and press the RED button to delete a reminder.

Remind
Press the BLUE button to display a reminder menu.
Press ▲/▼ to select an item and ◀/▶ to change the setting.
Press OK to add a program to the reminder list. An updated reminder list will be shown.

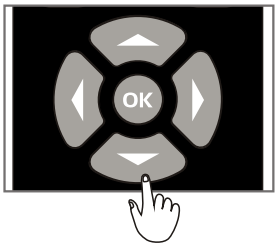


Note:
Please be cautious to use the "SCHEDULE" & "REMIND" function. Because the time function of this TV set is not a real-time clock.

MENU CONTROL

This section explains the menus of your TV. Each menu is outlined and detailed to help you get the most from your TV.

Basic Operation



1. Press MENU on the remote control or on the TV key panel to display the main menu.

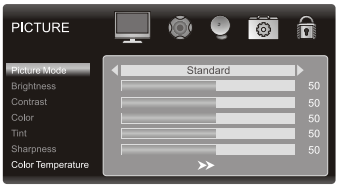
2. Press ◀/▶ and ▲/▼ to highlight the desired menu/item.

3. Press ◀/▶ to change the setting.

4. Press MENU to save setting and go back to last menu.

Note:
Buttons on the key panel have the same functions as the corresponding buttons on the remote control.

Picture Settings



Picture Mode
Adjusts the picture mode: Standard, Mild, Personal, Dynamic. "Brightness", "Contrast", "Color", "Tint" and "Sharpness" can only be adjusted when "Picture Mode" is set to "Personal".

Brightness
Adjusts the brightness of the picture, and usually is adjusted together with Contrast.

Contrast
Adjusts the difference between the light and dark areas of the picture.

Colour
Adjusts the richness of colour. This function is not available in PC mode.

Tint
Adjusts the tint of the picture. Only can be done under NTSC system.

Sharpness
Adjusts the sharpness of the picture. This function is not available in PC mode.

Colour Temperature
Press OK button to enter the Colour temperature sub menu. Select from: Cool, Medium, Warm and Personal.

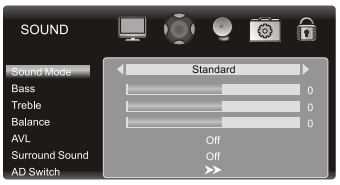
Medium: Keep the original white
Warm: Red
Personal: The user may customize the colour temperature.
(Red/Green/Blue).
Cool: Blue.

Display Mode
Seven modes are available including Just Scan, Auto, Panoramic, Zoom1, Zoom2,16:9 and 4:3.

DNR
Four modes of digital noise reduction are available including Off, Low, Middle and High.

Sound Settings

Sound Mode
Equipped with five kinds of voice modes for your choice: Standard, Music, Movie, Sports and Personal.
"Bass" and "Treble" can only be adjusted when "Sound Mode" is set to "Personal".



Bass
Adjusts the lowest part of the sound.

Treble
Adjusts the highest part of the sound.

Balance
Adjusts how much audio (loudness) gets sent to the left and right speakers. Only can be adjusted when "Surround Sound" is set to " Off ".

AVL
This function may be set as On or Off. Auto Volume Level can set the volume automatically corresponding to the input audio.

Surround Sound
Press this option to set "Surround Sound" On or Off.

AD Switch
Press OK button to access the AD Switch sub menu.
AD Switch Press this option to set On or Off.
(only for digital televisions in DTV mode.)
AD Volume Press this option to adjust AD Volume.

SPDIF Mode
There are three modes available including Auto, PCM and DOLBY.
DOLBY is alternative under DTV and USB, while other sources are default to PCM output.

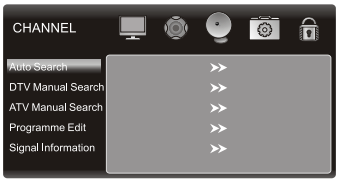
MENU CONTROL

Channel Settings

Note: These settings are only available in ATV, DTV and DTV+ATV mode.

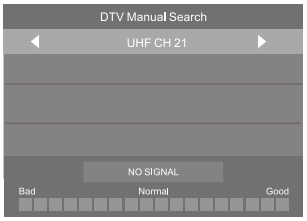
Auto Search

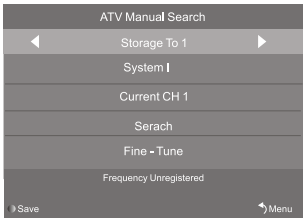
Press ▲/▼buttons to select Auto Search, then press [OK] button to start auto search. ATV auto search comes after DTV auto search. User can press menu button to skip auto search.



DTV Manual Search/ATV Manual Search

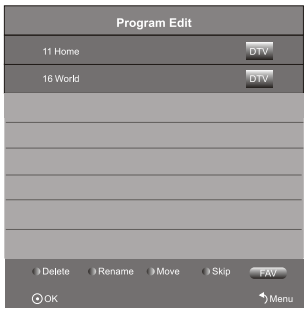
If you want to tune your TV channels manually, press the▲/▼buttons to select (DTV or ATV) manual search, then use the◀/▶buttons to select the available channels.





Programme Edit

This setting lets you edit channels. Select a channel and then use the coloured buttons on the remote control. Press the 'red' button to delete the channel, the 'green' button to rename ATV channel, the 'yellow' button (only in ATV mode) to move it (change its position in the list) and the 'blue' button to skip the channel (so it will automatically skip when scanning the channels). Once you have selected your setting, press [OK] to confirm.



Signal Information

Show the quality and signal strength of the channel.

MENU CONTROL

Setup Settings

OSD Language

Select you desired OSD language.

***Hearing impaired**

This function is prepared for the hearing impaired people. When the status is on, subtitles will show up on the screen.

***Country**

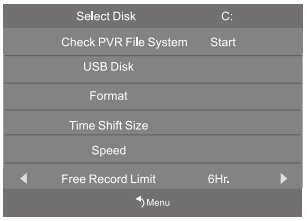
Change your local country setting.

Notes:

This function is only available in some certain models. It is based on your local TV broadcast service.

PVR File System

To check your USB Disk and make it compatible for the PVR file system of this model.
Select "Check PVR File System" to check your USB Disk.
Select "Format" to make your USB Disk compatible for this model.
Select "Free Record Limit" to set the record limit for your USB Disk.



Time

Press OK button to enter the Time sub menu. Depending on your need to select: Time Zone, Clock, Sleep Timer and Auto Sleep settings.

Time Zone: Showing the country's time zone.

Clock: Set the TV clock.

Sleep Timer: Set the sleep timer. The TV will automatically enter standby mode when time is up.

Auto Sleep: Set the Auto Sleep on/off. The TV will automatically enter standby mode 15 minutes after no signal input.

Charset (Option)

There are multiple charsets (GBK / CP1250 / CP1251 / CP1254 / MAC / UNICODE) for you to choose for subtitle display.

MENU CONTROL

Advanced Settings

Press ◀/▶ buttons to select Advanced menu, then press [OK] button to enter. Input password to enter, default password is "0000" .

Set Password

To set your own password, first enter the old password, and then enter your new password twice, following the prompts as illustrated below.

Parental Control

You can set up parental control function to choose the classifications suitable for your children.
Choose from the following categories:

1. "P": Content is suitable for preschoolers under age 5.
2. "C": Content is suitable for children age 6-7.
3. "G": For general exhibition. All ages may watch.
4. "PG": Parental guidance is recommended for young viewers.
5. "M": Recommended for mature audience.
6. "MA15+": Not suitable for people under age 15.
7. "AV15+": Not suitable for people under age 15.The programmes contain violence content.
8. "R18+": Not suitable for people under age 18.

Summer Time

During daylight saving time (DST), please change your selection to On.

SW. Update(USB)

Update the firmware of this model.

1. Rename the latest firmware to "MERGE.bin".
2. Save the "MERGE.bin" to the root directory of your USB Device.
3. Plug in your USB Device, then enter the item of "SW.Update(USB)" to update.

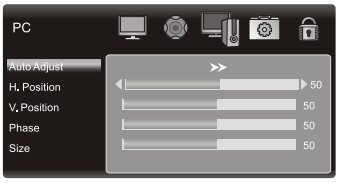
Note

Please be cautious to use this function.
SW update is only available on ATV / DTV mode.
In the progress of updating,please don't switch off the power as this may cause the TV set to failure.
Please contact the after sales department for further assistance.

MENU CONTROL

PC Settings
Note: These settings are only available in PC mode.

When you connect VGA cable to the jacks of PC and select the signal source as "PC", the screen menu will be activated. You can use the function to adjust the display settings automatically or manually.



1.AUTO ADJUST
Press " ▶ " buttons to auto adjust PC size and position.

2.H. Position
Press "◀ /▶" buttons to adjust the H-Position of the television.

3.V. Position
Press "◀ /▶" buttons to adjust the V-Position of the television.

4.Phase
Press "◀ /▶" buttons to adjust the phase of the picture.

5.Size
Press "◀ /▶" buttons to adjust the size of the picture.

USB CONTROL

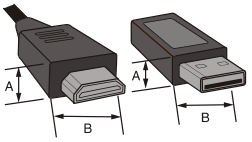
Gentle Reminder when Using the Media Player

1.Some USB storage devices may not be compatible to operate smoothly with this TV.
2.Back up all of the data in the USB storage device in case the data is lost due to unexpected accident. We do not assume any liability for the losses by misuse or malfunction. Data backup is consumer's responsibility.
3.For large size files, the loading speed may be slightly longer.
4.The recognition speed of a USB storage device may vary depending on each device.
5.When connecting or disconnecting the USB storage device, ensure that the TV is not in MEDIA mode otherwise the USB storage device or the files stored in it may be damaged.
6.Please use only a USB storage device which is formatted in FAT16, FAT32, NTFS file system provided by the Windows operating system. A storage device formatted as a different utility program which is not supported by Windows may not be recognized.
7.When using a USB Hard Disk Drive which requires electric power source, ensure its power does not exceed 1A.
8.An "Unsupported File" message will be displayed if the file format is unsupported or corrupted.
9.To avoid damage to the external hard drive or USB flash drive, please exit from the main page and do not pull the equipment out directly from the TV.

Caution

Use cables with the following maximum thickness for optimal connection to this TV, or it may damage your TV.

1.HDMI Cable not exceeding 10(A) x 20(B)mm
2.USB Cable not exceeding by 7(A) x 18(B)mm



* Dimension of (A) should not exceed 10mm.

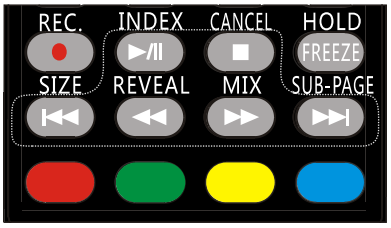
In situation where the insertion of USB storage device is restricted, users may use the USB extension accessory.

USB File Playback Support

Video Supporting File
Video Format : MPEG2
Resolution(max) : 1920 x 1080
Frame rate : under 30 frames / sec (1920x1080)
Audio format : mpeg, mp3
Music Supporting File : (*.mp3)(Optional)
Photo Supporting File : (*.jpg)
Text Supporting File : (*.txt)

USB CONTROL

Remote Control



1.Play & Pause buttons(▶/II)
Press to pause music or movie play and press again to make play continue.

2.Stop button(■)
Press the stop button to exit full-screen playback and access to the preview.

3.Fast Backward button(◀◀)
Press to make fast backward when playing in USB mode.

4.Fast Forward button(▶▶)
Press to make fast forward when playing in USB mode.

5.Previous button(⏮)
Press to play the previous music or movie in USB mode.

6.Next button(⏭)
Press to play the next music or movie in USB mode.

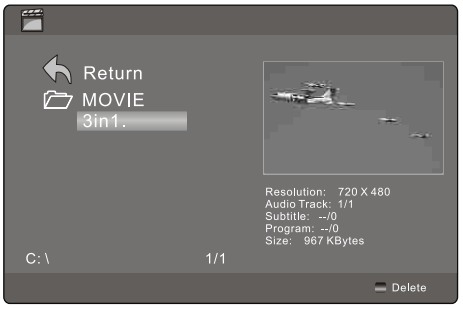
USB Menu

You can view video, music, photo and text files from your USB storage devices.
The USB port will be named as drive C:\.
1.Connect USB storage device to USB input terminal.
2.Switch to USB mode by selecting source input.
3.Press [◀] / [▶] to select the types of media modes: VIDEO, MUSIC, PHOTO and TEXT.

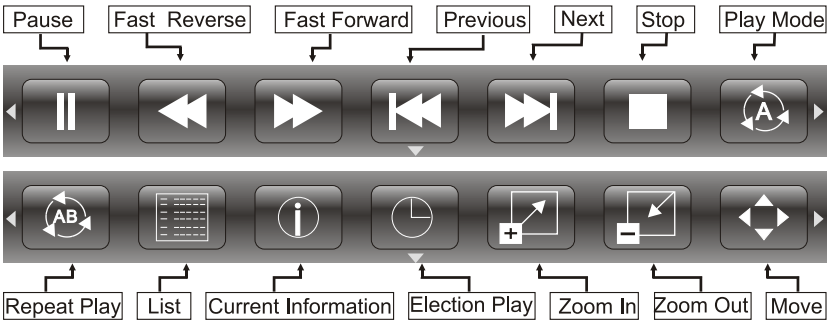
USB CONTROL

Video Menu

1.Press [◀] / [▶] to select VIDEO. Press [**OK**] to enter.
2.Press [◀] / [▶] to select the desired drive and press [**OK**] to enter.
3.Press [▲] / [▼] to select the desired folder and press [**OK**] to open the folder; or press [▲] / [▼] to select the desired movie file and press [▶/II] or [OK] to start playing.
4.Press [■] to stop movie playing and return to video list.
5.Press [▲] / [▼] to return to the previous menu.



Video Control Bar



- Press [**INFO**] to display Movie Control Bar while playing the video.
- Press [◀] / [▶] to select the desired settings.
- Press [▼] to exit from Info bar.

There are three modes of play mode. Press [OK] button to select Current Track( ), Repeat None( ) and All Tracks( ).

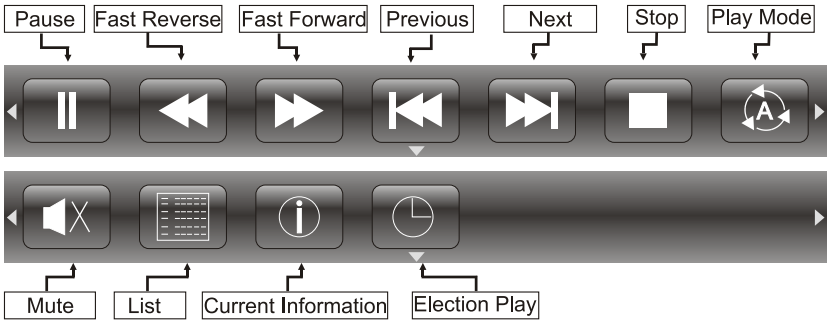
Note:
-You can select ( ) to repeat from A to B while the TV is playing movies on the USB. If you open the main menu ( ) will be cancelled.

USB CONTROL

Music Menu

1.Press [◀] / [▶] to select MUSIC. Press [**OK**] to enter.
2.Press [◀] / [▶] to select the desired drive and press [**OK**] to enter.
3.Press [▲] / [▼] to select the desired folder and press [**OK**] to open the folder; or press [▲] / [▼] to select the desired music file and press [▶/II] to start playing.
4.Press [■] to stop music playing and return to music list.
5.Press [▲] / [▼] to return to the previous menu.

Music Control Bar



- Press [**INFO**] to display Music Control Bar while playing the music.
- Press [◀] / [▶] to select the desired settings.
- Press [▼] to exit from Info bar.

Note:

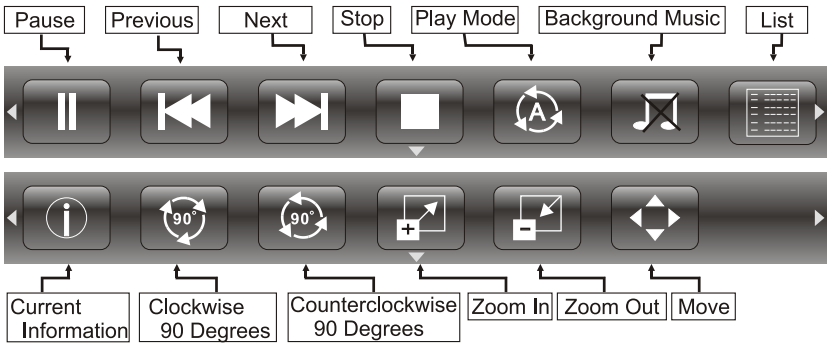
- This menu only shows support files.
- Files with other file extensions are not displayed, even if they are saved on the same USB storage device.
- An over-modulated mp3 file may cause some sound distortion during playback.
- This TV supports lyrics display (English).Maximum number of characters per line is 48.
- The filename of music and lyrics must be the same in order to display lyrics while the music is playing.

USB CONTROL

Photo Menu

1.Press [◀] / [▶] to select PHOTO. Press [**OK**] to enter.
2.Press [◀] / [▶] to select the desired drive and press [**OK**] to enter.
3.Press [▲] / [▼] to select the desired folder and press [**OK**] to open the folder; or press [▲] / [▼] to select the desired picture file and press [▶II] to start playing.
4.Press [■] to stop picture playing and return to picture list.
5.Press [▲]/ [▼] to return to the previous menu.

Photo Control Bar



- Press [**INFO**] to display Photo Control Bar during photo slide show.
- Press [◀] / [▶] to select the desired settings.
- Press [▼] to exit from Info bar.

To set background music for photo playback

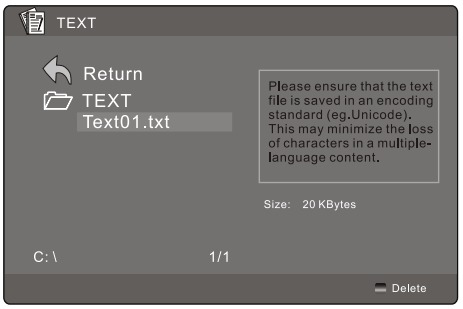
At the Music Menu, press[▲] / [▼] to select the music file and press [**OK**] to mark (tick symbol appears).
Repeat Step 1 if you want to add more music files for the background music.
Exit the Music Menu after you have selected the music files.
During the photo playback, press [**INFO**] to display the Control Bar.
Press [◀] / [▶] to select [♫] and press [**OK**] to play the background music.
To stop the background music, press [◀] / [▶] to select [♫] and press [**OK**] .

Note:
If no background music is set, all the music files in the same folder will be played during the photo playback.

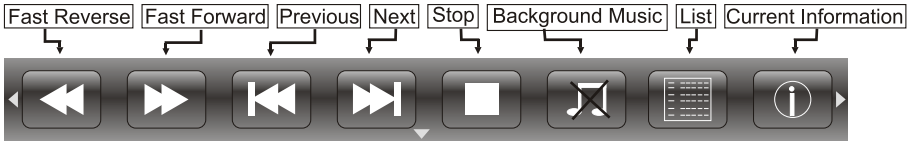
USB CONTROL

Text Menu

1.Press [◀] / [▶] to select TEXT. Press [**OK**] to enter.
2.Press [◀] / [▶] to select the desired drive and press [**OK**] to enter.
3.Press [▲] / [▼] to select the desired folder and press [**OK**] to open the folder; or press [▲] / [▼] to select the desired text file and press [▶/II] to start playing.
4.Press [■] to stop text playing and return to text list.
5.Press [▲] / [▼] to return to the previous menu.



Text Control Bar



- Press [**INFO**] to display Text Control Bar while reading the text.
- Press [◀] / [▶] to select the desired settings.
- Press [▼] to exit from Info bar.

To set background music for text playback

At the Music Menu, press[▲] / [▼] to select the music file and press [**OK**] to mark (tick symbol appears).
Repeat Step 1 if you want to add more music files for the background music.
Exit the Music Menu after you had selected the music files.
During the text playback, press [**INFO**] to display the Control Bar.
Press [◀] / [▶] to select [♫] and press [**OK**] to play the background music.
To stop the background music, press [◀] / [▶] to select [♫] and press [**OK**] .

Note:
- It supports *.txt files.(English character)
- Please ensure that the text file is saved in an encoding standard. This may minimize the loss of characters in a multiple-language content.
- If no background music is set, all the music files in the same folder will be played during the text playback.

TROUBLESHOOTING

NO PICTURE, NO SOUND

1. Check if the fuse or circuit breaker is working.
2. Plug another electrical device into the outlet to make sure the outlet is working or turned on.
3. Check if the power plug is in poor contact with the outlet.
4. Check the signal source.

NO COLOUR

1. Change the colour system.
2. Adjust the saturation.
3. Try another channel.Black & white program may be received.

REMOTE CONTROL DOES NOT WORK

1. Change the batteries.
2. Batteries are not installed correctly.
3. Main power is not connected.

NO PICTURE, NORMAL SOUND

1. Adjust the brightness and contrast.
2. Broadcasting failure may happen.

NORMAL PICTURE, NO SOUND

1. Press the volume up button to increase volume.
2. Volume is set to mute, press MUTE to restore sound.
3. Change the sound system.
4. Broadcasting failure may happen.

DISORDER RIPPLES ON THE PICTURE

It is usually caused by local interference, such as cars, daylight lamps and hair driers. Adjust the antenna to minimize the interference.

BLANK SCREEN IN PC MODE

Perhaps the TV can not recognize the resolution set by the PC. Change to the best resolution or other standard resolutions of Windows system. Set refresh rate to 60Hz.

SNOWY DOTS AND INTERFERENCE

1. If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.
2. Adjust the position and orientation of the indoor/ outdoor antenna.
3. Check the connection of antenna.
4. Fine-tune the channel.
5. Try another channel. Broadcasting failure may happen.

BLACK SPOTS OR HORIZONTAL STREAKS

Black spots or horizontal streaks appear, or in some cases, the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliances.

GHOSTS

Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.

RADIO FREQUENCY INTERFERENCE

This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.

SPECIFICATIONS

Screen size - diagonal:	81cm
Screen resolution:	1920 X 1080
Audio output power (L+R):	6W + 6W
Working voltage:	100-240V~ 50/60Hz
Rated power consumption:	65W
Dimensions (W x D x H):	738.4X 210 X501.5mm
Net weight:	9.3 Kg

Environment(only for Tropical climates zone):

Working temperature: 5°C~45°C
Working humidity: 20%~80%
Storage temperature: -15°C~50°C
Storage humidity: 10%~90%

Environment(only for Moderate climates zone):

Working temperature: 5°C~35°C
Working humidity: 20%~80%
Storage temperature: -15°C~45°C
Storage humidity: 10%~90%

System:

DTV: DVB-T
TV: PAL, BG, D/K, I
AV: PAL, SECAM, NTSC

Preset programs: ATV: 99, DTV:400

Status displaying method: On screen display

Function adjustment indicator: Menu display

Language of OSD: Multiple options

RF aerial input: 75 ohm unbalanced

AV video input: 75 ohm, 1.0Vp-p, RCA

AV audio input: 10k ohm, 0.5Vrms